



The Torch



Vol. 21 No. 18

March 6, 1902

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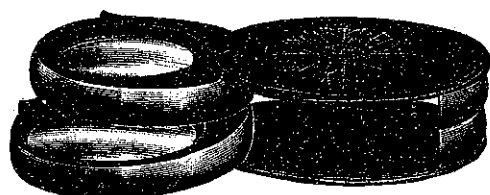
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THE TECH

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THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

RICHARD C. TOLMAN, 1903, *Editor-in-Chief*.
G. E. ATKINS, 1904, *Assistant Editor-in-Chief*.
H. W. GODDARD, 1904, *Secretary*.
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OFFICE HOURS:

Editor-in-Chief, Monday, 9-11 A.M.
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For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

All communications with the Alumni Department should be addressed to the Alumni Editor.

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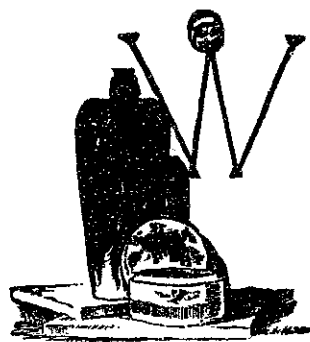
The Sophomore supper last Saturday, President Pritchett mentioned, as he has done several times before, the great need of a Technology song-book. The class responded in an enthusiastic but rather informal way, by appointing a committee to look into the matter and consider the advisability of compiling such a book. We do not know just what the result of this action will be, and we do not wish to be understood as disapproving it, but we do wish to call attention to the fact that this is not a class matter, but an Institute matter.

All the classes—excepting 1905—have now participated in one or more of these informal suppers, whose introduction is due directly to President Pritchett, and we are all beginning to realize what a splendid thing he has done for us. We can realize also the truth of what he has from the first emphasized: that a most prominent feature of these meetings should be singing,—good singing. He thinks, and we all think, that a distinctively Technology song-book would help out very much in this respect.

But if the compiling of such a book be undertaken at all, it ought to be undertaken seriously, and the work done most thoroughly. We would suggest that a special board, something on the plan of a Technique board, might be appointed, containing men of musical and literary ability, and representing every department of the Institute,—undergraduates, alumni, instructing staff and Faculty. Then every single individual, from president to Freshman, ought to heartily co-operate with the board, and hand in a list, say of a dozen of his favorite songs, and any suggestions that might occur to him. Through the *Technology Quarterly* or *Review*, or better yet, by means of circulars, the alumni could be informed of the movement, and asked to help. In some such way could best be obtained material for the board to work on, and also a good idea of what really would be for Institute men the best known and most suitable songs. A collection of real value ought to result.

Above all else, we would emphasize the great need in such a book of one or more good Tech songs. From 1,400 students,

150 instructors and 2,500 alumni, it seems to us that something really good might be forthcoming. A suitable prize might be offered, but any mere prize of money would, we think, be as nothing compared with the satisfaction the composer of such a song might feel in hearing it hummed or whistled in the familiar corridors of the Institute, or, in future years, ringing through the cheerful social rooms of the Walker Memorial Gymnasium.



WE were greatly pleased to read the announcement, in the new catalogue, that the work on the much-talked-of Walker Memorial Building would be commenced this spring, and probably be finished by next October. Such a near completion of the building was beyond the hopes of the most optimistic outsider, and nothing but congratulations can be extended to those who were instrumental in so energetically pushing the matter and collecting the funds. The building of the Walker Memorial will probably do more towards instilling a new life into the Institute, and filling the students with more of that college spirit which makes one, as an alumnus, look back with pleasure upon his student life, than any other institution that could be proposed. It will, no doubt, mark an epoch in the Institute's life, and we look forward, anticipating this new period.

Sophomore Dinner.

The Class of 1904 held a class supper Saturday evening, March 1, at the Old Technology Clubhouse, 71 Newbury St. The dinner was a big success, nearly 150 men being present against 64 of last year. After the dinner

L. P. Burnham opened the festivities of the evening with the following toast:

"There's the class of '02,
And the class of '03,
And more to arrive
After the class of '05.
But the class of '04,
The old Sophomore,
Is the best company
That ever came
To old Technology."

After responding to the toast the class sang "The Quilting Party" ably assisted by "Perii at the box." This was followed by a speech by President Pritchett, the speaker of the evening. Dr. Pritchett stated his views in regard to the holding of "class suppers," which were such that no man should be ashamed to have, whether they were of the clergy or not. Following the speech by the president were several songs, after which Mr. Burnham said a few words to the class. The next hour was passed singing the good old college songs and listening to several very entertaining speeches from Dr. Pritchett. Following these songs came several speeches from the members of the class. Mr. Lang started the speeches by speaking about the "Treasury Department" of the class. This was followed by Mr. Haynes on "Athletics." Following these came several delightful piano solos by Mr. Perii and Mr. Haynes. The class then rose and drank a "Silent Toast to Their Honored Classmates" who last year lost their lives in such a tragic manner. This was followed by the good old song "Die Wacht Am Rhein." President Pritchett then said a few words in regard to the meaning that song had to German students. Mr. Sweet then gave a very interesting speech. This was followed by a few words from C. L. Homer, A. C. Downes and H. W. Goddard. It was then moved and carried that a committee consisting of Messrs. Broad, Wentworth and Hadley be appointed to arrange a list of songs to be sung at Technology student gatherings.

The dinner closed rather earlier than customary for class dinners, breaking up at about eleven o'clock.

Thirty-seventh Annual Catalogue.

The Thirty-seventh Annual Catalogue of the Institute of Technology made its debut to the world last week in the office of the secretary of the Institute. The catalogue is interesting in that it contains facts showing the Institute's growth during the past year, and its prospects for the future. As stated in the catalogue, "the number of students, no less than the increasing demands of modern scientific education, have made necessary new laboratories for departments of electrical engineering and physics. Buildings of the most complete sort have been planned for these purposes, and their erection will be begun this spring. They will cost with their equipment between \$400,000 and \$500,000, and will represent the results of the latest practice in these subjects. A gymnasium and student clubhouse to minister to the social side of student life has been needed for some years. The money for such a building has been secured, and it is expected that building will be begun in April, and be completed before the beginning of the next school year. It will be open to all students of the Institute, and will afford shelter not only for the athletic and social activities of the students, but for the department of physical instruction as well."

In comparing last year's catalogue with that of the present year we notice that for 25 professors last year there are 29 this year; 11 associate professors, against 9 this year; 27 assistant professors, against 25; 40 instructors, against 46; and 29 assistants, against 32; making a total of 132 members of the instructing staff last year, against 141 at the present time. There are also 7 instructors in mechanic arts against 6 of last year.

The Institute has offered an advance course in naval architecture for officers designated for the corps of naval constructors. The first and second years of this course correspond to the regular third and fourth years in the ordinary course in naval architecture, while the third year corresponds to graduate work, and leads to the degree of Master of Science. The Institute has also arranged graduate courses in metallurgy, mining engineering, chemistry and electrical engineering leading to the Master's degree.

One very important point is the raising of the tuition for from \$200 to \$250, for students entering after 1902. This change is made on account of the large expenditures for improvements in the near future.

Under the part set aside for the names of students we find three new fellows: John Wesley Brown, S. B., M. I. T.; Austin Fellow, studying in Heidelberg, Germany; Maurice De Kay Thompson, Jr., S. B., M. I. T.; Savage Fellow, studying in Zürich, Switzerland, and James Henry Walton, Jr., S. B., M. I. T., studying in Heidelberg, Germany. There are 129 graduate students this year, against 101 last year; 175 fourth-year students, against 193; 179 third-year students, against 184; 236 second-year students, against 205; 396 first-year students, against 340, and 413 special students, against 345, making a total of 1,415 students this year against 1,277 last year.

There are now 2,518 graduates, against 2,329 last year. This number is only about one-third the total number of students who in the past have been connected with the Institute.

Notice — 1902.

1902 Class Dinner will be held this year at Young's Hotel, 7.30 o'clock, Friday, March 14. No dress suits will be worn. Tickets, \$2.00; can be obtained from Paul Weeks, II, C. B. Allen, XIII, F. T. Root, X.

Freshman Page Themes.

HIS IMPROVISED THERMOMETER.

I, for one, am not surprised to hear of the death of Hamilton's infant child, for the reason that I know Hamilton very well indeed, and I can realize from what I have seen of the shiftless, luckless, good-natured old fellow, that the death was not a very wonderful event in such circumstances. Hamilton might do very well for a godfather, but he was *not* meant to have any children to look after alone. While Mrs. Hamilton was living everything went smoothly, for she held the reins to the whole affair. But she died three years ago, and it is a wonder that the infant survived her as long as he did. Why, one night, when I visited Hamilton, I found him bathing the child in a little zinc bathtub. The window to the room was open and there was an appreciable draught. "Great heavens, man, close that window!" I cried; which he did good-naturedly. "How hot is the water in the tub?" I asked. "Sure I don't know," he answered, complacently. "Why, you ought to use a thermometer! How do you know whether the water is too hot or too cold for this child?" "Oh," he answered, breezily, "that's easy enough; when it's too hot, he grows red; when it's too cold, he turns blue." And now Hamilton wonders why the infant died!

D.

CROW MARSH.

Deep in the woods which fringe the northern boundary of our town is the "Crow Marsh." Only the edges of this marsh have ever been explored, and no one has ever dared to investigate the mystery which hangs over the interior. This whole marsh is surrounded with quicksand and soft, slimy mud. All attempts to sound this mud have failed, for if a weight is lowered by a rope or wire it snaps when it gets ten feet below the surface, and it looks as if it had been cut with a cold chisel or by the teeth of some enormous animal. A large clump of tall pines stands in the center of the marsh. These pines furnish the nesting-place for thousands of crows, whose uncanny caws, mingled with the bubbling oozing sound of the incessantly moving mud exerts a powerful and an unwholesome influence on the imagination.

W. G. B.

Basket-ball.

Phillips Andover, 45; M. I. T., 11.

Tech was defeated at basket-ball on Wednesday, Feb. 26, by Phillips Andover, the final score being 45 to 11. The defeat was due to superior team work of the opponents:

Andover.
Humphrey, l. f.
McGovern, r. f.
Schildmiller, c.
Clough, l. g.
Dilleck, r. g.

M. I. T.
l. f., Keene.
r. f., Cox.
c., Fitch.
l. g., Webster.
r. g., Doyle.

Score: Andover, 45; M. I. T., 11. Goals from the floor: Clough, Humphrey, 2; McGovern, 9; Schildmiller, Cox, Keene. From fouls: McGovern 3, Fitch 2. Referee, Bel- lis. Timekeeper, H. F. Chase. Time, 20-minute halves.

Brown, 15; M. I. T., 14.

The Brown basket-ball team defeated the Tech team Saturday night in Providence in a hard-fought game. The teams were tied through most of the game, and remained so almost to the end of the second. Tech outplayed Brown in the first half, but in the second half Brown did the better work.

Each team was penalized for fouls five times, and each team threw three baskets from them.

Brown.
Ray, r. f.
De Wolf, l. f.
Smith, r.
Gallison, r. g.
Schwinn, l. g.

M. I. T.
l. g., Doyle.
r. g., Webster.
c., Fitch.
l. f., Libbey.
r. f., Cox.

Goals thrown: Cox 2, Libbey, Fitch, De- Wolf, Gallison, Ray, 2. Goals on fouls; Brown, 3; M. I. T., 3. Referee: Clifford, Brown. Umpires: Mandeville, Brown; Keene, M. I. T.

Frank G. Cox, '03, has been chosen captain of the Basket-ball Team, and E. F. Doyle is the manager. Practice is being held on Monday, Wednesday and Saturday afternoons in the Gymnasium.

"Applied Mechanics."

"Applied Mechanics," which will be given at the Hollis Street Theatre during the last week of April, tells of the adventures of eight Tech students traveling in Germany in search of adventure and information. During the course of the action they run across a party of Tech co-eds, who are also in the pursuit of knowledge. This meeting furnishes plenty of opportunities for local hits and catchy topical songs. The love affairs of Ludwig and Rosalie, two German young people, and the fascinating powers of four frauleins, play important parts in the plot. The libretto, as well as the music, is from several pens and is all characteristic of Tech life. Of the seven ballets, under the supervision of Mr. John Coleman, five will be of a special nature, with new and clever steps.

The cast this year will not contain many of the old favorites, A. W. Rowe, Lewis Emery, 3d, and Matthew Brush having graduated. Among last year's players who will be in the cast are: G. T. Laughlin, '03; R. J. King, '03; Paul Paine, '04; S. Gwinn, '04, and Archibald Gardiner, '03.

M. I. T. Y. M. C. A.

At the recent Y. M. C. A. election the following men were chosen: President, W. C. Pickersgill; Vice-President, J. R. Sanborn, '04; Treasurer, A. W. Richards, '04, and Secretary, R. J. King, '03.

Last Tuesday Rev. H. S. Johnson gave a talk, which was much appreciated by those present. It is hoped that next time Mr. Pickersgill will give a report of the Toronto Convention.

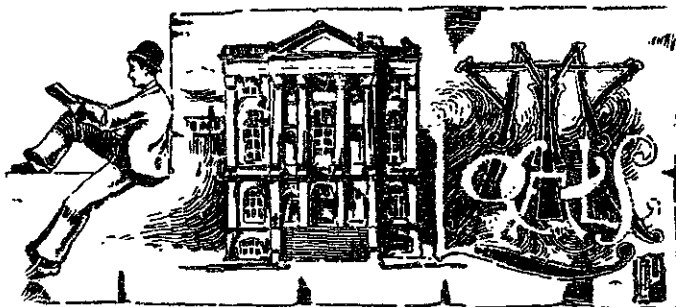


*When I begin to talk
put me under the
hood, Fred Bardwell*



*Never say fail,
Linus Faunce*

Popular Profs. and Their Epigrams.



By an unfortunate oversight we omitted, in our last issue, any mention of the resignation of Mr. C. A. Sawyer, '02, from the Tech Board. Mr. Sawyer has been connected with the board since the year 1899, and has always been one of its most prominent members. He has, however, been compelled to resign on account of pressure of work.

H. C. Stetson, '04, is detained at his home in Walpole by illness.

Ralph W. Sawyer, '05, has been unable to attend school the past two weeks on account of illness.

We see that the millionaires laid carpet on the streets for Prince Henry to tread upon. Won't some kind-hearted millionaire put a straw matting in Engineering Alley?

The Class of 1903 will hold a Smoker on Friday, March 7, at 8 P.M. President Pritchett will be present, and a full attendance is desired.

Preliminary training for the Track Team began last Monday at the Gymnasium, under the direction of Coach Mahan.

On petition of twenty-five members of the Senior Class, a recount of ballots for the Portfolio Committee was made, and the following men declared elected: Proctor, Fitch, Baker, Pollard, Mixter.

President Pritchett is quite busy in connection with the work of the Charles River Dam Commission, of which he is chairman.

Mr. F. H. Newell, chief hydrographer of the U. S. Geological Survey, addressed the Civil Engineering Society on Tuesday last. His lecture was illustrated.

There will be a meeting of the Class of 1903 at one o'clock on Thursday. The election of a Junior Prom. Committee will be held.

Our attention has been called to the spelling of the word "Kommers." It is sometimes written as though the "s" indicated the plural, but such is not the case. The singular of the word is spelled "Kommers."

The Hare and Hounds Club will hold its first run for the season next Saturday from Arlington. All men wishing to go should be on hand to leave the Gym at 2.00 P.M. Several members of the Club are already warming up for the championship run, which is due in about a month.

On Wednesday, Feb. 26, an Alumni Smoker was held by the Class of 1901, at the old Technology Clubhouse. Mr. Burrison gave a talk on "Hunting in the West." Refreshments were served, and a most pleasant evening spent, the party not breaking up until eleven o'clock.

A meeting of the Technology Forum, 1905, was called for Thursday afternoon, but no quorum was present, and the meeting was postponed. We do not know anything of the merits of this special society, but we do know that a debating club can be made not only a source of good training, but of good fun, also, and it seems a pity that the meeting was not given better support.

President Pritchett was one of the "One Hundred Captains of Industry" who were chosen as heads of representative American industries, to meet Prince Henry.

Some time ago we noticed with pleasure that the Institute Committee had recommended to the Lunch Room Committee of the Faculty that chairs be not turned up in the lunch room after one o'clock; but we have not yet heard that any action has been taken on the matter.

Mr. Winchester, '03, has been elected treasurer, and Mr. Homer, '04, assistant manager of the M. I. T. A. A. We hear it rumored that negotiations are nearly completed for a three-sided meet with Brown and Dartmouth, to be held this spring. Preliminary training has already begun at the gymnasium, and the services of Coach Mahan, who so successfully trained the men for the B. A. A. meet, are to be secured.

Mechanical Engineering Society Meeting.

At a meeting of the Mechanical Engineering Society, Thursday, Feb. 27, at 4.30, in Room 11, Engineering B, Professors Lanza, Schwamb, Miller, Merrill and Park were elected to honorary membership, and Messrs. J. W. Aylsworth, A. L. Magnitsky, C. J. McIntosh, V. M. Palmer and G. W. Swett were elected active members of the Society.

The subject of the addresses which followed was "Steam Turbines." Mr. Starr, II., gave an excellent description of the construction and theoretical operation of the turbine, concluding with some statistics of turbine tests. Mr. Allen, XIII., told of some of the difficulties encountered during a turbine test made by himself in connection with thesis work, giving the results of his test. These results seem to show that the turbine is an exceedingly economical form of engine, and is especially adapted for driving direct-connected generators and fans, and for main engines in fast vessels of not too great size.

The new laboratories for electrical engineering and physics are to be on Clarendon Street, just beyond Copley Hall. They will be probably the largest laboratories of the kind in the world.

Technology Theatricals.

The Walker Club has decided upon "Why Smith Left Home" as the play to be given during Junior week. The success of "A Night Off," as presented last year, warrants this effort, and it is hoped that the students will take even more than the usual interest this year, because success alone makes this annual event possible. Like the Tech Show, the Walker Club Theatricals form one of the very few general social events. Candidates for parts are to meet in Room 11, Rogers, March 7, at four o'clock, P.M. All who are interested in theatricals, and all who have ever taken any part in amateur stage work are invited to show up at that time.



Within the last few years much talk has been unrolled about the value of mathematics as a disciplinary machine and mental glove-stretcher. THE LOUNGER has been too busy all this time fingering the A B C's of this exact science to enter the discussion. He is well aware that the deciding of this great question depends upon the words of such great fountain-pens as Mr. Bok of the *Ladies' Home Journal*, upon Mr. Frank A. Munsey, author of *Munsey's Own Picture Book*, and also upon the much-abused LOUNGER, who may be said to be lashed but not leashed. Now, Mr. Bok has been so busy printing corset advertisements and compounding balky etiquette that he has been unable to speak on the subject. Mr. Munsey, on the other hand, has been occupied in explaining to an eager public how high one month's copies of his *Monthly Picture Book* would reach if placed one on top of the other. THE LOUNGER mourns the fact that the pile was ever disturbed, but that is another funeral. Seeing, then, that his two illustrious colleagues have gone back on him, THE LOUNGER reluctantly condescends to give a one-round fight to a finish with the troublesome question. Mathematics, or, as it is sometimes erroneously called, "arifmatik," is of inestimable value as a disciplinary agent, a setting-up drill for the brain, a tonic for the tonicless, a care for the careless. Viewed in its manifold multiplicities it becomes chameleonic. Sometimes it is as dark and dismal as an old rag in a mud-puddle. At other times it is as refreshing as a drink of cold water on a hot summer's day, as interesting as the face of a monkey with a mirror, as distracting as a pretty girl in church. Everybody will admit that the most valuable things that ever existed are books. Yet it is not generally known that but for mathematics we would not have a single book. THE LOUNGER, by virtue of his having studied mathematics, has a reasoning power sufficiently developed to see this. Any bookkeeper will tell you that in order to keep books, "arifmatik" is necessary. Therefore it follows that we could never have kept so many books were it not for "arifmatik," or elementary mathematics. But it is a curious fact that the problems made clear by this powerful reagent, mathematical reasoning, will be precipitated if too much be

added. THE LOUNGER will give an example: Consider an ordinary piece of string. It is a short piece of string and yet it is a foot long. You will agree with THE LOUNGER, Zeno and Socrates, that if this same piece of string were endless it would be much longer. Certainly, if it had no ends it would be longer. And yet, and yet, if you cut off the ends you will find it is no longer. For such cases as this, mathematical reasoning has no remedy. And now will Mr. Bok and Mr. Munzey take up this momentous discussion and add it to their list of difficult problems solved? But remember, gentlemen, that this time it was not *you* who solved it. It was your fellow-moralist, THE LOUNGER, who may be lashed, but leashed — never!



THE LOUNGER marvels. Verily, there is going on in the veins of the Institute organism a mighty conflict between the white corpuscles and the red. The nature of the entire organism is in the balance,—whether Technology be a rich-blooded, democratic organization of untitled enthusiasts, or whether it be a blue but-thin-blooded, aristocratic conglomeration of ultraviolet lines chosen out from the rest of the spectrum. It is a mighty question, and mighty is the battle waged upon it. And now, as this historian temporarily removes himself to a mental background of five future generations, so as to get the reducing-glass perspective of a century or two, he is forced reluctantly to admit that the first victory belongs to the white corpuscles,—to the army of the blue blood. In vain may the president, who seems to be of the other party, and those of his followers in the Faculty who are staking their life on the upholding of his régime,—in vain may they try to scout the conclusion. Theirs is the first defeat. With a masterful ingenuity, the secretary—the leader of the aristocrats—has laid his plans with the most successful results. He has—so rumor states—almost completed his preparations preliminary to seizing the reins of government and assuming the dictatorship of Technology, under the élite title of *dean*, while his faithful minion and conspirator is to be rewarded with the position of second in command, under the already powerful *nom de guerre* of *secretary*. In vain does the president writhe in anguish, seeing thread after thread break in the great rope of republican authority; in vain does he strain every sinew, nerving himself to great effort, to preserve the integrity of the masses and the subservience of the Classes,—to preserve the rights of the classes (*without* the capital) and the inferiority of the Masters. In vain. The audacious secretary has made his first bold stroke. Already many of the president's reinforcements have been cut off. By the sudden elevation of the cost of tuition at Technology, a jump of twenty-five per cent, unequaled elsewhere in the history of graphic statistics, he has rendered improbable the arrival of any future Freshmen classes. Next June, so is the plan of this wily pretender, the Senior class is to be elimin-

ated from the battle-field by a different but equally efficacious method, and the president left supported only by a half supply of student cohorts. Another year of uninterrupted success, and the secretary will have bisected this by two; and within 365 days thereafter—unless all precedents, signs and portents fail—the president and his Faculty followers will be left as lonely as a brace of sea gulls in mid-ocean. The president, plucky to the end, still bids defiance, waving the pie-shaped Technology banner in the teeth and beard of his Machiavellian adversary. But he realizes, nevertheless, that stone after stone is being loosened from his battlements, that only a master move now can turn the tide of treason and restore the rank of the right. Already he has made a move, in his turn, of infinite sagacity, marvelous subtlety and admirable finesse. Getting together his Council of War,—innocently termed the Institute Committee,—he has selected from their number three of the wisest and most discreet. These he has commissioned, under oath of surpassing fidelity, to confer with no less sapient a neutral power than THE TECH. The result can hardly be in doubt. He will win its active alliance. Strengthened, his cause will burst into the bloom of renewed youth, and will speedily carry all before it. New Freshmen will appear, despite the increased tuition and the advanced requirements for admission. They will be drawn, in even greater numbers, by the hope of a position on the editorial-and-LOUNGER staff of this paper, and by the desire to share in the voluptuous experience of reading “Mr. Dooley” on an average of one time per week. The president will expand, THE TECH will push forward, the secretary will retire into his innermost safe and lock himself in. The bursar will then seal him up in it with a certified check; THE TECH will move down into the old Secretarium; and the president will be victorious, democratic, and praised by all Tech men even to the seventh generation.



The Catalogue is out. THE LOUNGER does not mean to imply by this that it ever was in, nor that it broke out like the smallpox or a rumor that H-rr T-l-r intended to shave hereafter. He merely means that it has left the perilous paths of the printery to be pursued and perused by the pondering public. One thing about the Catalogue strikes THE LOUNGER's left eyebrow as oddly funny. It is the fact that the most important item in the book, the one about the raise in the tuition fee, is printed on a little slip of paper and pasted in, as if it were an afterthought. THE LOUNGER desires to be put down in history as here stating that he thinks it must have been a slip. The editor-in-chief informs THE LOUNGER as he now writes, that if he does not write enough he will feel compelled to put in a joke to fill the page. You know, rambling readers, that this would be no joke, so you will rise as one man to thank THE LOUNGER and the Catalogue for substituting in place of a junky joke a miserable mess of inanimate inanities.



Those who, like the *Theatergoer*, find peculiarly offensive on the stage the use of the calcium light, with its brilliant, sharply outlined spot of light jerked about to follow the leading actor, can enjoy to the full the subdued, suffused illumination of Mr. Irving's scenes. Notably delicate is the lighting of that scene of the *Merchant* into which Mr. Irving puts so much unexpected power. On the night of Bassanio's feast, Shylock, in a mood of mingled tenderness and foreboding, leaves Jessica to lock up and watch his home:

"Let not the sound of shallow foppery
Enter my sober house."

After his departure there is a frolicking rush of maskers and capering pantaloons across the stage; gondolas pass under the bridge, and strains of gay music swell and die on the ear. Then Lorenzo and his companions with mirth and passion hurry Jessica away in her boy's disguise. At last the scene dark and deserted. Shylock returns, carrying a lantern. As he descends the steps of the bridge the calcium follows him steadily, keeping him in a little circle of light, which his lantern seems to spread about him, to show the way.

Equally notable in the same play is the careful adjustment of Shylock's make-up to every scene. His clothing is at first bare and plain, his head is covered with the yellow-striped Jewish cap. Later, he departs to the feast clothed in more gorgeous scarfs and turban. After, in his frenzy, pursued by the outcry of the children in the streets, he comes, capless, with bare arms, tumbled locks and disordered dress, to exclaim on his ducats and his daughter; and lastly appears in court in austerer garb than ever, with his hair wet and smoothed down over his forehead and eyes.

Further of note in Mr. Irving's acting is his striking use of inarticulate sound. In the *Merchant*, for instance, Shylock accompanies the protests of Bassanio and the resigned farewell of Antonio in the court with a low undertone of sneering contempt that changes once into the fiercely aspirated exclamation, "These be the Christian husbands!" and again into a pitiful, frightened, almost animal whine when judgment falls upon him. He stumbles from the court with a long, exhausted, gasping breath wrung by a tortured spirit from his lips.



Mr. Irving holds the record for the longest run of any Shakespeare play. He gave *Hamlet* for two

hundred consecutive nights in the season of 1874-75, and *Macbeth* for the same period in 1888-89.



A correspondent, resenting the *Theatergoer's* charge of improbability in the play, *Quality Street*, questions the probability of *As You Like It* and the *Merchant of Venice*. Dramatic probability is, of course, a purely relative affair. All the conventions of stage speech are not only improbable but impossible, yet we lose little of the illusion because the actors speak in verse or in soliloquies and "asides," audible to every person in the theater. More offensive are improbabilities of plot, which must be obscured either by having the improbable incidents merely assumed or related,—never acted,—so that we need believe only with our ears and not with our eyes, or by placing the whole play in a poetically fanciful and imaginative atmosphere. This last is Shakespeare's method in both plays mentioned. Most offensive improbability of all is improbability of character. Given the circumstances, however unlikely, the character must act as such a person under such circumstances would. Dramatic probability, after all, is required to create illusion only for the moment. We may afterward protest and disbelieve as we will, but during the play we must never raise the question.

Now, *Quality Street* protected itself by no romantically improbable atmosphere. Phoebe seemed to me a character somewhat improbable and inconsistent, and even during the performance the mist of illusion often dissolved and sometimes vanished. Phoebe's extravagant adventures we might perhaps have accepted if they were not visibly presented, or if they were placed in some imaginary time and country; but they become aggressively improbable when shown before our sight as occurring in Georgian England.

1905 Class Meeting.

There will be a meeting of the Class of 1905 in Huntington Hall, at 11.30, Saturday, March 8. A manager for the baseball team will be chosen, and the report of the class treasurer and of the football manager will be received. The matter of holding a class dinner, and other important business, will be considered.

Chess Club Meeting.

There was a meeting of the Chess Club on Friday last. C. B. Cox, '03, was elected president, G. D. Wilson, '03, vice-president, and H. M. Edmonds, '05, treasurer and secretary. A chess tournament is now in progress.

Class Day Regulations.

In accordance with Article IV, Section 5, of the Class Constitution, the Board of Directors of the Senior Class have drawn up the following regulations for the election of Class Day officers.

ARTICLE I.

SECTION 1. The class shall elect on or before March 27 : the following officers for Class Day Three marshals, an orator, a poet, an historian, a statistician, a prophet, and a Class Day Committee to consist of fifteen members and the three marshals, ex-officio.

SECT. 2. The method of conducting the election shall be the same as for the annual class election in October, excepting that the names of all members of the class in good standing shall be printed upon the ballot as nominees for Class Day Committee.

SECT. 3. The candidate for marshal receiving the highest number of votes shall be first marshal; the two receiving the next highest number shall be second and third marshals respectively.

SECT. 4. In case of a tie for fifteenth place upon the Class Day Committee, all men so tied shall be members of the committee. In case of a tie for any other office, the class directors shall decide the election between the men tied.

SECT. 5. The class directors shall settle any matter not provided for in these regulations.

ARTICLE II.

SECTION 1. Nominations for Class Day officers made in writing and signed by ten members of the class will be received by the secretary until 4 P.M., March 18.

SECT. 2. There shall be required at least five nominations for marshal and two for every other office. In case the nominations be less than the required number, the Board of Directors shall fill such vacancies in nomination.

SECT. 3. The secretary shall post in Rogers Corridor a list of the nominations and send written notice to all men nominated, on March 19.

Resignations of nominees, made in writing, will be received by the secretary until March 22 at 1 P.M.

SECT. 4. No man shall run for more than one office. If any man be nominated for more than one office, he shall decide which nomination he will accept.

ARTICLE III.

Each voter shall cross, for marshals not more nor less than three; for orator, historian, prophet, poet and statistician one each; and for Class Day Committee not more than eighteen. Any ballot not fulfilling these conditions shall be void insofar as these irregularities affect it.

ARTICLE IV.

SECTION 1. The first marshal shall be the chief Class Day officer. He shall preside at all meetings of the Class Day Committee.

The second marshal shall be treasurer of the Class Day Committee. In the absence of the first marshal he shall act in his stead.

The third marshal shall be secretary of the Class Day Committee. In the absence of the first and second marshals he shall act in their stead.

SECT. 2. The orator, poet, historian, statistician and prophet shall have the duties usual to their respective offices.

SECT. 3. The class president shall be ex-officio a Class Day officer.

SECT. 4. The Class Day Committee shall have entire charge of all Class Day affairs.

To the Class of 1902 :

Nominations complying with the above regulations may be handed to me or left at the Cage until 4 P.M. on Tuesday, March 18.

F. H. HUNTER, *Secretary.*

1903 Class Smoker.

The Class of 1903 will hold another Smoker on March 7, at 71 Newbury Street. President Pritchett and several members of the Faculty are expected to be present. It is to be hoped that all the members of the class will take advantage of this opportunity to forget the horrors of "Applied," and see a practical application, for once in a lifetime, of the laws of distribution and consumption.

Alumni Notes.

'82. Rufus F. Herrick is chemist and technician at the Boston works of the New York and Boston Dyewood Company.

'82. James P. Munroe, III., is a member of the Executive Committee of the Society of Arts and of the Massachusetts Reform Club.

'85. E. H. Mumford is secretary of the Tabor Manufacturing Company of Philadelphia.

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Colonial Theatre.— "Florodora," the catchiest music, the cleverest comedy, the prettiest girls, that Boston has ever known. Also the famous sextette. March 15, end of engagement.

Tremont Theatre.— "King Dodo" still continues to please the crowds that fill the opera house. The piece is charming throughout, and is worth seeing.

Boston Museum.— "San Toy," the most delightful entertainment that has ever been seen in Boston. Minnie Ashley has returned to the cast and is seen in the rôle of "Dudley," and Marie Celeste as "San Toy."

Columbia Theatre.— Closed until further notice.

Bijou Theatre.— "Mignon." Clara Lane and Frida Ricci in the cast. Well worth seeing.

Castle Square Theatre.— "Sealed Instructions." Best comedy written by an American. Next week, "The Collen Bawn," by the regular company.

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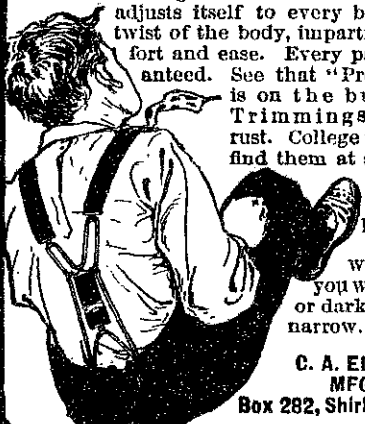
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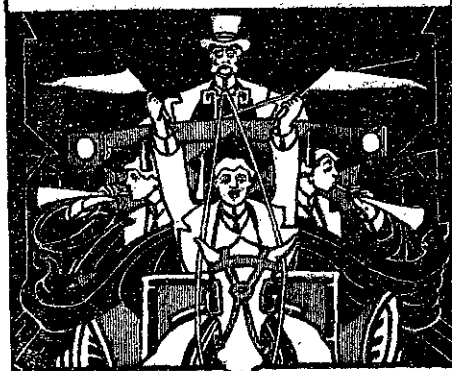
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